

**GAMA Domestic Well Project
Testing Results
Commonly Observed Chemicals**

Number of Samples Above CDPH Drinking Water Standards ¹

<i>Compound</i>	<i>Drinking Water Standard</i>	Yuba (2002) 128 Wells	El Dorado (2003-04) 398 Wells	Tehama (2005) 223 Wells	Tulare (2006) 181 Wells	San Diego (2008-09) 137 Wells	Cumulative Domestic Well Project Totals 1067 Wells
BACTERIA INDICATORS							
Total Coliform	Present ³	28 (22%)	111 (28%)	56 (25%)	60 (33%)	34 (25%)	282 (26%)
Fecal Coliform	Present ³	4 (3%)	14 (4%)	3 (1%)	15 (8%)	NAS ²	35 (3%)
GENERAL MINERALS & IONS							
Nitrate	45 mg/L ³	2 (2%)	7 (2%)	2 (1%)	75 (41%)	25 (18%)	111 (10%)
Perchlorate	6 µg/L ³	Not Sampled	Not Sampled	Not Sampled	2 of 30 (7%)	5 (4%)	7 of 167 (4%)
Chloride	500 mg/L ⁴	NAS ²	NAS ²	NAS ²	NAS ²	2 (1%)	2 (<1%)
Sulfate	500 mg/L ⁴	NAS ²	NAS ²	NAS ²	NAS ²	3 (2%)	3 (<1%)
Total Dissolved Solids	1,000 mg/L ³	5 (4%)	5 (1%)	5 (2%)	4 (2%)	22 (16%)	41 (4%)
METALS							
Aluminum	1,000 µg/L ³	18 (14%)	12 (3%)	6 (3%)	2 (1%)	NAS ²	38 (4%)
Arsenic	10 µg/L ⁴	6 (5%)	15 (4%)	30 (14%)	3 (2%)	3 (2%)	55 (5%)
Chromium	50 µg/L ³	1 (<1%)	NAS ²	1 (<1%)	2 (1%)	NAS ²	4 (<1%)
Iron	300 µg/L ⁴	14 (11%)	81 (20%)	31 (14%)	2 (1%)	NAS ²	123 (12%)
Lead	15 µg/L ^{5,6}	2 (2%)	2 (0.5%)	2 (1%)	NAS ²	NAS ²	6 (<1%)
Manganese	50 µg/L ⁴	21 (16%)	98 (25%)	19 (9%)	2 (1%)	45 (33%)	178 (17%)
Vanadium	50 µg/L ⁵	NAS ²	NAS ²	NAS ²	14 (8%)	2 (1%)	16 (1%)
Zinc	5,000 µg/L ⁴	NAS ²	1 (<1%)	NAS ²	1 (<1%)	2 (1%)	4 (<1%)
ORGANICS							
Volatile Organic Compounds	Varies by compound	NAS ²	1 (<1%)	NAS ²	10 (6%)	NAS ²	11 (1%)

[illegible]